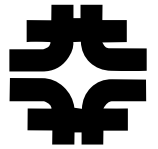


Collider Experiment Resources

**P5 FNAL Meeting – 2005
Hugh Montgomery**

September 12, 2005

Management



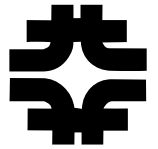
- **Experiment (FNAL) Budgets**
 - Experiment Operating Budgets
 - Computing Budgets
- **Experiment MOUs**
 - → 2002
 - → 2004,5
 - → 2006,7 recent development
- **International Finance Committees**
 - Commitments to experiment operating
 - Contributions to computing
 - Effort and participation

Developments over past year



- **HEPAP study**
 - **FNAL provided “PI” input for all the FNAL experiments**
 - **Developed transition plan for post-docs with a slight increase over a couple of years**
 - **Physicists**
 - **Based view of FNAL physicists on a name-by-name assessment**
 - **Checked with group leaders**

Collider Experiment Task Force



- **Director charged a Task Force**
 - **Chair: Joel Butler- Associate Head of PPD “for experiments”**
 - **Membership from Laboratory and from Experiments plus a Co-Chair of the HEPAP Study.**
- **... would like to hear an interim report from the committee by September 7 prior to the P5 Meeting at Fermilab on September 12, 13.**

Collider Experiment Task Force



- **Charge**
 - review what is known about the scientific and technical needs for completing the Tevatron program through 2009.
 - choose its own methodology
 - parse the total demands into segments
 - partition easily understood segments from the more difficult
 - make use of existing data from the HEPAP study, from the effort within the experiments
 - Scrub needs should be scrubbed to ensure that they are real, important, and appropriately sized
 - Address the needs through FY2007 as an initial step
 - As the gap between actual needs and available resources becomes clear, the committee should move to develop a suite of potential remedies.
 - streamlining of operations and data analysis,
 - sharpening the physics focus and ensuring the essential analyses are being addressed,
 - merging certain support activities for D0 and CDF,
 - increasing the use of post docs and visitors, and making special arrangements with CMS and ATLAS to smooth out the transition
 - include an analysis and recommendations on what the agencies might do to ameliorate the problems associated with the transition.

Collider Experiment Task Force



- **Subgroup #1: Collaboration resources**
 - **Membership:** Terry Wyatt and Rob Roser (co-chairs), Luciano Ristori, Pierre Petroff, Young-kee Kim, Gerry Blazey, and Chip Brock .
- **Subgroup #2: Operations Requirements and resources**
 - **Membership:** Willis Sakumoto and George Ginther (co-chairs) , Linda Stutte , Mike Lindgren, Rob Roser, Gerry Blazey, Joel Butler, Jim Strait
- **Subgroup #3: Data Processing requirements and resources**
 - **Membership:** Ashutosh Kotwal and Gavin Davies (co-chairs), Amber Boehnlein, Rick Snider , Young-Kee Kim , Terry Wyatt, Bob Tschirhart, Vicky White
- **Subgroup #4: Physics Analysis requirements and issues**
 - **Membership:** Gerry Blazey and Young-Kee Kim (co-chairs), John Hobbs, Volker Buesher, Franco Bedeschi, Rob Roser, and Beate Heinemann.

Summary



- **Task Force has made considerable progress.**
- **The following presentations cover the Task Force Work**